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1
Mss (1) -----MDMALASKASPPPWNATAAEQPIPKRDKAAA----- 50
Pss (1) MAASIGALKSSPSSNNCINERRNDSTRAVSSRNLSFSSSHLAGDKLMPVS
Consensus (1) L A AS A K AA
51
Mss (32) -----NDSTYLNPNQAHDSVLGIILGGGA 100
Pss (51) SLRSQGVRFNVRRSPMIVSPKAVSDSQNSQTCLDPDASRVLGIILGGGA
Consensus (51) N T L P A SVLGIILGGGA
101
Mss (55) GTRLYPLTKKRAKPAVPLGANYRLIDIPVSNCLNSNISKIYVLTQFNSAS 150
Pss (101) GTRLYPLTKKRAKPAVPLGANYRLIDIPVSNCLNSNISKIYVLTQFNSAS
Consensus (101) GTRLYPLTKKRAKPAVPLGANYRLIDIPVSNCLNSNISKIYVLTQFNSAS
151
Mss (105) LNRHLSRAYGSNIGGYKNEGFVEVLAAQQSPDNPNWFQGTADAVRQYLWL 200
Pss (151) LNRHLSRAYASNMGYKNEGFVEVLAAQQSPENPDWFQGTADAVRQYLWL
Consensus (151) LNRHLSRAYASNIGGYKNEGFVEVLAAQQSPDNP WFQGTADAVRQYLWL
201
Mss (155) FEEHNVMEFLILAGDHLYRMDYEKFIQAHRETNADITVAALPMDEKRATA 250
Pss (201) FEEHTVLEYLILAGDHLYRMDYEKFIQAHRETDADITVAALPMDEKRATA
Consensus (201) FEEH VLEFLILAGDHLYRMDYEKFIQAHRET ADITVAALPMDEKRATA
251
Mss (205) FGLMKIDEEGRIIEFAEKPKGEQLKAMMVDTTILGLDDVRAKEMPFIASM 300
Pss (251) FGLMKIDEEGRIIEFAEKPGGEQLQAMKVDTTILGLDDKRAKEMPFIASM
Consensus (251) FGLMKIDEEGRIIEFAEKP GEQL AM VDTTILGLDD RAKEMPFIASM
301
Mss (255) GIYVFSKDVMLQLLREQFPEANDFGSEVIPGATSIGKRVQAYLYDGYWED 350
Pss (301) GIYVISKDVMLNLLRDKFPANDFGSEVIPGATSLGMRVQAYLYDGYWED
Consensus (301) GIYV SKDVMLNLLRD FP ANDFGSEVIPGATSIG RVQAYLYDGYWED
351
Mss (305) IGTIAAFYNANLGITKKPIPDFSFYDRFAPIYTQPRHLPPSKVLDADVTD 400
Pss (351) IGTIEAFYNANLGITKKVPDFSFYDRSAPIYTQPRYLPPSKMLDADVTD
Consensus (351) IGTI AFYNANLGITKKPIPDFSFYDR APIYTQPRHLPPSKMLDADVTD
401
Mss (355) SVIGEGCVIKNCKINHSHSVVGLRSCISEGAIIEDSLLMGADYYETDADKKL 450
Pss (401) SVIGEGCVIKNCKIHHSVVGLRSCISEGAIIEDSLLMGADYYETDADRKL
Consensus (401) SVIGEGCVIKNCKI HSHSVVGLRSCISEGAIIEDSLLMGADYYETDADKKL
451
Mss (405) LAEKGGIPIGIGKNSCIRRAIIDKNARIGDNVKILNADNVQEAAMETDGY 500
Pss (451) LAAKGSVPIGIGKNCHIKRAIIDKNARIGDNVKIINKDNVQEAARETDGY
Consensus (451) LA KG IPIGIGKN IKRAIIDKNARIGDNVKIIN DNVQEA ETDGY
501
Mss (455) FIKGGIVTVIKDALLPSGTVI 521
Pss (501) FIKSGIVTVIKDALIPSGIII
Consensus (501) FIK GIVTVIKDALIPSG II

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FIG. 1

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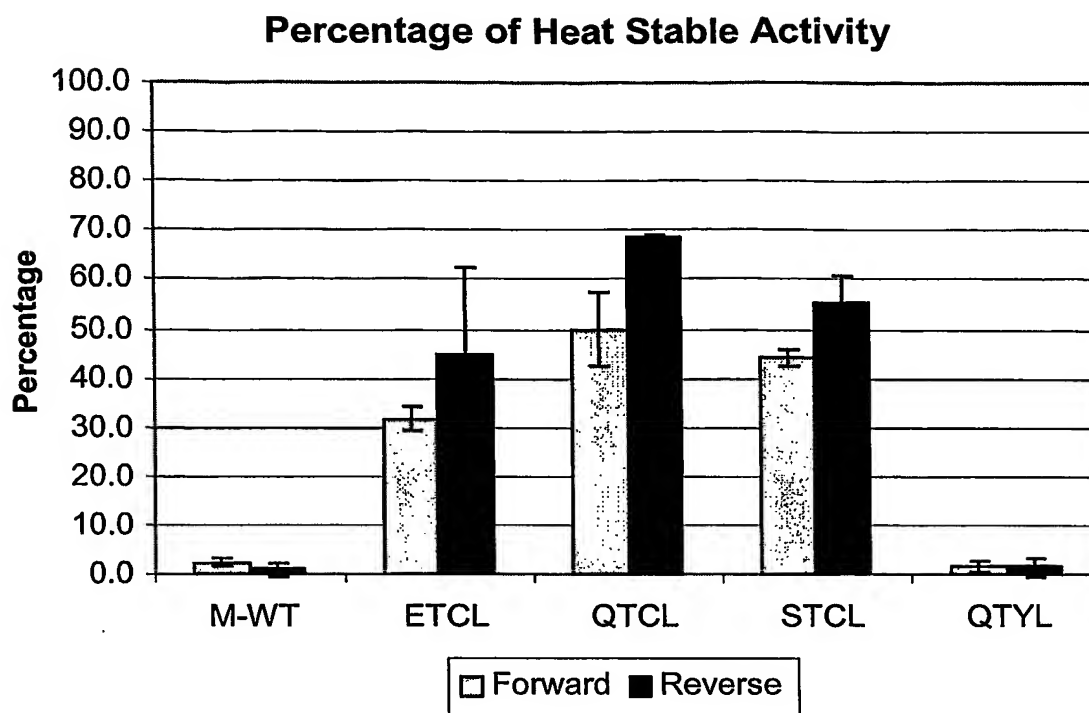


FIG. 2

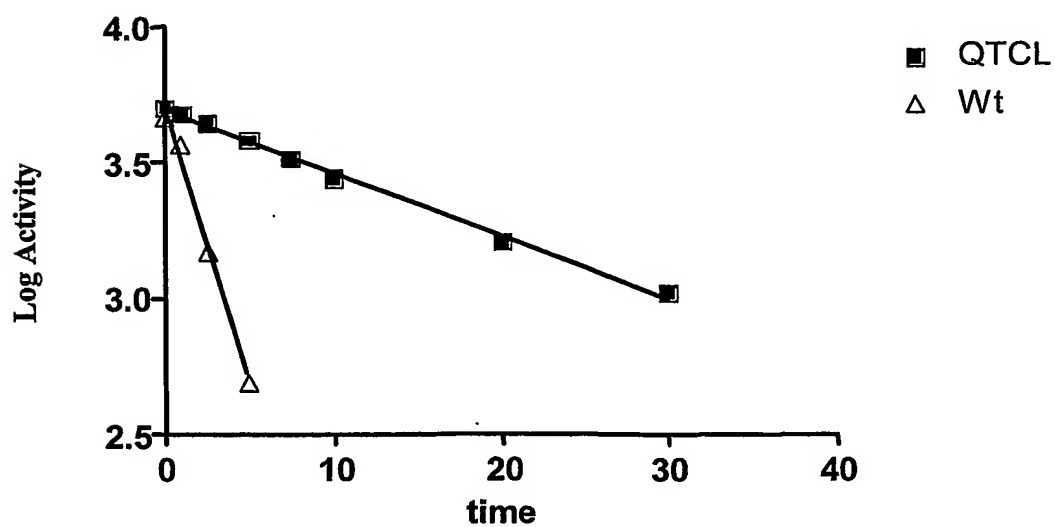


FIG. 3A

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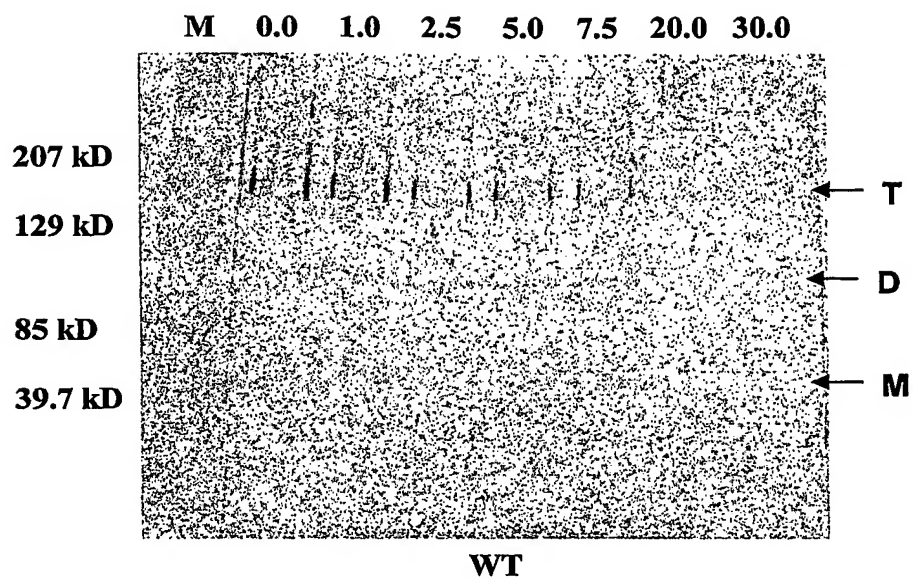


FIG. 3B

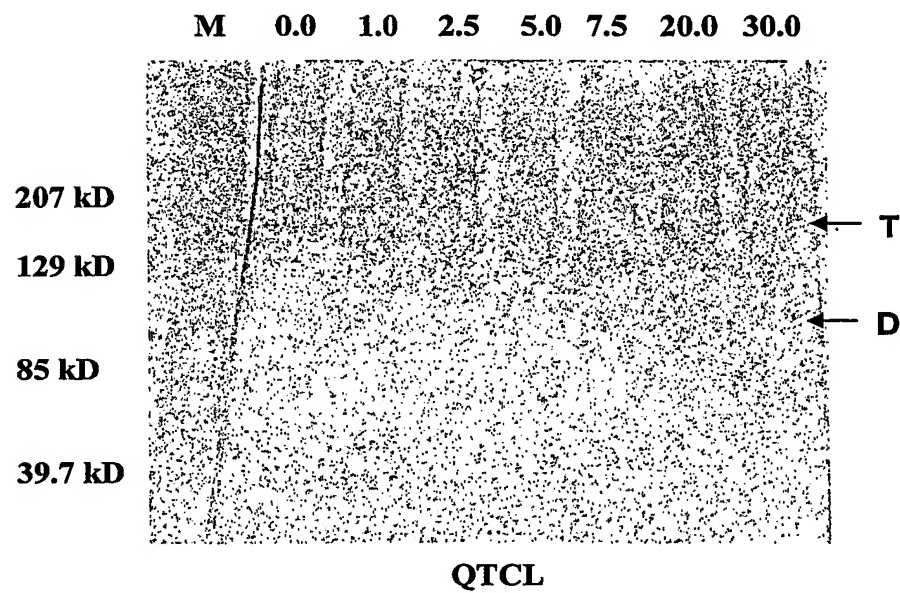


FIG. 3C

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